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~~RECORD COPY~~

NPIC/R-1478/63
September 1963

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR
BRASS KNOB MISSION 3722
15 SEPTEMBER 1963



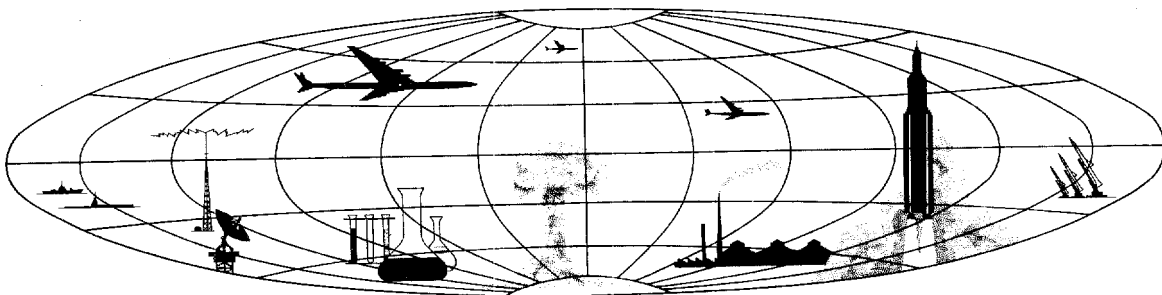
CIA



DIA

Declass Review by
NIMA/DOD

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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NPIC/R-1478/63

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3722, DATED 15 SEP 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), SD (SEMI-DARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

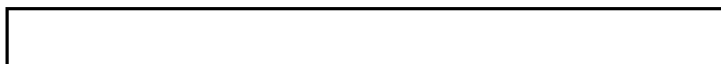
--MISSILES--

ESMERALDA SAM SITE 2155N 07813W

 25X1

SIX REVETTED LAUNCHERS (2 WITH MISSILES), 6 MISSILE TRANSPORTERS, ONE VAN TRUCK, ONE CARGO TRUCK, 13 TRACKED PRIME MOVERS, 6 SETS OF BOGIE WHEELS, AND AN OCCUPIED GUIDANCE REVETMENT OBSERVED.

25X1



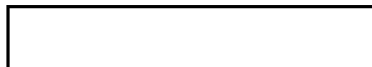
25X1

SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W



NO APPARENT CHANGE IN FACILITIES. SITE CONTAINS 25 MISSILE TRANSPORTERS, 4 FLATBED TRACTOR-TRAILER TRUCKS, 7 CARGO TRACTOR-TRAILER TRUCKS, 15 CARGO TRUCKS, 10 CANVAS-COVERED TRACKED PRIME MOVERS, 4 PROBABLE VAN TRAILERS, 2 UTILITY TRUCKS, 3 POSSIBLE TRUCK-MOUNTED CRANES, 20 OTHER VEHICLES, AND NUMEROUS MISSILE CANISTERS.

25X1



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NPIC/R-1478/63 25X1

DELEITE SAM SITE 2259N 08045W



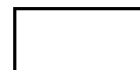
SIX REVETTED CANVAS-COVERED LAUNCHERS, ONE MISSILE TRANSPORTER, NUMEROUS CANVAS-COVERED VEHICLES, AND AN OCCUPIED GUIDANCE REVETMENT OBSERVED.

25X1



25X1

CIEGO DE AVILA SAM ASSEMBLY AREA 2152N 07844W



AT LEAST 21 MISSILE TRANSPORTERS, 6 FLATBED TRACTOR-TRAILER TRUCKS, 6 VAN TRUCKS, ONE TRUCK-MOUNTED CRANE, 4 CARGO TRUCKS, 10 UNIDENTIFIED VEHICLES, AND NUMEROUS MISSILE CANISTERS OBSERVED.

25X1



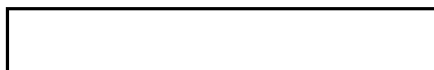
25X1

CIFUENTES SAM ASSEMBLY AREA 2236N 08005W

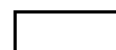


FIVE UNIDENTIFIED VEHICLES, AT LEAST 10 MISSILE TRANSPORTERS, AND ONE TENT OBSERVED THROUGH FOLIAGE.

25X1



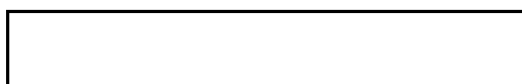
MALDONADO SAM SITE 2012N 07528W



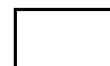
25X1

SIX REVETTED LAUNCHERS, 7 MISSILE TRANSPORTERS (5 IN LAUNCH REVETMENTS), AND AN OCCUPIED GUIDANCE REVETMENT OBSERVED.

25X1



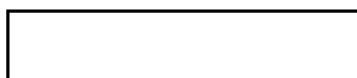
CAMAGUEY AIRFIELD SAM SITE 2122N 07750W



25X1

FIVE UNREVETTED LAUNCHERS (THE 6TH LAUNCH POSITION APPEARS TO BE IN EARLY STAGES OF BEING REVETTED), 5 CANVAS-COVERED MISSILE TRANSPORTERS, 8 TRACKED PRIME MOVERS, 7 CARGO TRUCKS, 5 UNIDENTIFIED VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED.

25X1



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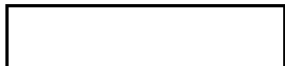
NPIC/R-1478/63 25X1

HOLGUIN SAM SITE 2052N 07627W



SITE CONTAINS 6 SEMI-REVENUED LAUNCHERS (3 WITH MISSILES), 7 MISSILE TRANSPORTERS (4 CANVAS-COVERED), AND AN OCCUPIED GUIDANCE AREA. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

25X1



-AIRFIELDS-

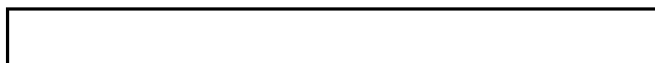
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CAMILO CIENFUEGOS AIRFIELD 2229N 07955W



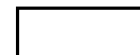
AIRCRAFT -- 8 FAGOT/FRESCO, 2 FARMER, AND 9 HOUND OBSERVED IN CLOUD-FREE AREAS.

25X1



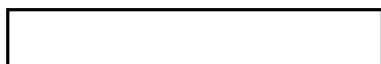
25X1

CAMAGUEY INTERNATIONAL AIRFIELD 2125N 07751W



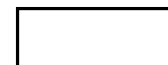
AIRCRAFT -- ONE PROBABLE COLT.

25X1



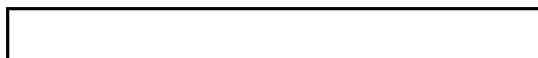
25X1

HOLGUIN AIRFIELD 2048N 07618W

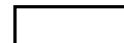


AIRCRAFT -- 5 FAGOT/FRESCO AND ONE CRATE.

25X1



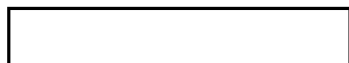
ANTONIO MACEDO AIRFIELD 1958N 07550W



25X1

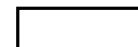
AIRCRAFT -- ONE COOT, ONE CRATE, ONE COLT, 2 HOUND, AND 4 LIAISON.

25X1



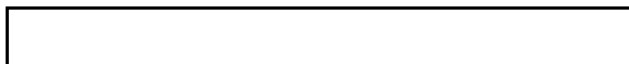
25X1

JAIME GONZALES AIRFIELD 2209N 08025W



AIRCRAFT -- ONE C-47.

25X1



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BAYAMO EAST AIRFIELD 2023N 07638W

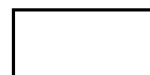


AIRCRAFT -- ONE COLT.

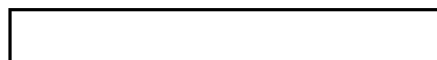


-PORTS-

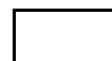
BANES PORT 2055N 07542W



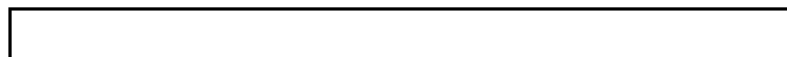
NO LARGE VESSELS OBSERVED.
THE 11 UNIDENTIFIED CRATES REMAIN.



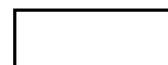
CIENFUEGOS PORT 2209N 08027W



VESSELS -- 2 KRONSTADT-CLASS PC, 6 PT, 2 SMALL PC
(ONE ON MARINE RAILWAY), ONE LARGE FREIGHTER, AND ONE
LARGE TANKER LEAVING PORT. ONE OF THE KRONSTADT-
CLASS PC AND 2 OF THE PT ARE AT CUEVA PLACIDO.



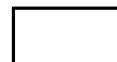
SANTIAGO DE CUBA PORT 2001N 07550W



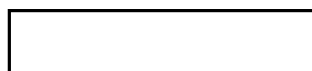
VESSELS -- ONE LARGE TANKER AND 2 LARGE FREIGHTERS.



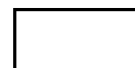
LA ISABELA PORT 2256N 08001W



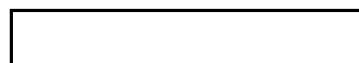
NO LARGE VESSELS OBSERVED.



CASILDA PORT 2145N 07959W



NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.



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JUCARO PORT 2137N 07851W

[REDACTED] 25X1

NO LARGE VESSELS OBSERVED.

25X1

[REDACTED]

PUERTO PADRE PORT 2113N 07632W

[REDACTED] 25X1

VESSELS -- ONE LARGE FREIGHTER AT CAYO JUAN CLARO.
OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

25X1

[REDACTED]

-MILITARY ACTIVITY-

GUANTANAMO AREA 1 2005N 07523W

[REDACTED] 25X1

ACTIVITY WITHIN THE SEARCH AREA INCLUDES THE
FOLLOWING -- UNOCCUPIED PERSONNEL TRENCHES AT
18Q VT 735116, 18Q VT 655131, FROM 18Q VT 729175 TO
18Q VT 746153, 18Q VT 7417, FROM 18Q VT 740118 TO
18Q VT 746139, 18Q VT 745141, 18Q VT 822159,
18Q VT 835198, 18Q VT 837192, AND 18Q VT 940108.
PERSONNEL TRENCHES WITH FIRING BAYS AT 18Q VT 698178,
18Q VT 861225, AND 18Q VT 765185 TO 18Q VT 801184.
ELEVEN AW POSITIONS AT 18Q VT 689172. CIRCULAR
PERSONNEL TRENCHES AT 18Q VT 706117 AND 18Q VT 814121.
SHORT TRENCHES AT 18Q WT 049077, 18Q WT 147160,
18Q WT 226185, AND 18Q WT 227182. TWO CIRCULAR
TRENCHES AND ONE TRENCH WITH FIRING BAYS AT
18Q VT 728187. A HALF-MOON TRENCH AT 18Q VT 854086.
TWENTY-SEVEN TRIANGULAR PERSONNEL TRENCHES AND 2 SHORT
PERSONNEL TRENCHES FROM 18Q VT 840190 TO
18Q VT 865213.
FOR AIRFIELDS SEE LOS CANOS AIRFIELD, [REDACTED]

25X1

[REDACTED]

25X1

HOLGUIN AREA, MILITARY CAMP 2053N 07614W

[REDACTED] 25X1

NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE [REDACTED]

25X1

[REDACTED]

25X1

25X1

[REDACTED]

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CAMAGUEY MILITARY CAMP 1 2121N 07751W

NO APPARENT CHANGE SINCE

25X1

25X1

OFELIA, MILITARY CAMP 2006N 07530W

25X1

MAIN CAMP --- NO APPARENT CHANGE IN FACILITIES. AT
LEAST 13 PROBABLE TANKS/SP GUNS, 4 AAA PIECES, 7
CARGO TRUCKS, AND 2 UNIDENTIFIED VEHICLES.
EAST AREA --- ONE LARGE TENT (NOT OF A KNOWN SOVIET
TYPE) OBSERVED.

SE AREA --- 5 LARGE AND AT LEAST 6 MEDIUM TENTS (NONE
OF A KNOWN SOVIET TYPE), 36 CARGO TRUCKS, 15 OTHER
VEHICLES OR PIECES OF EQUIPMENT, AND 16 FA PIECES.

25X1

25X1

REMEDIOS MILITARY CAMP 2226N 07934W

NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE

25X1

25X1

25X1

CAMAGUEY MILITARY CAMP 2126N 07753W

25X1

NO APPARENT CHANGE IN FACILITIES.
SIXTEEN CARGO AND 2 UTILITY TRUCKS OBSERVED.

25X1

25X1

25X1

25X1

25X1

HOLGUIN MILITARY CAMP NW 2057N 07616W

NO APPARENT CHANGE IN FACILITIES.
NINETEEN TANKS/SP GUNS, 12 CARGO TRUCKS, AND 3

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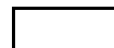
NPIC/R-1478/63

POSSIBLE AAA PIECES OBSERVED.

25X1



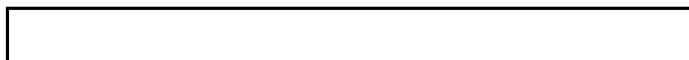
ALTAGRACIA, MILITARY AREA 2124N 07742W



25X1

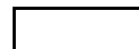
NO APPARENT CHANGE IN FACILITIES.
NINE TANKS/SP GUNS OBSERVED.

25X1



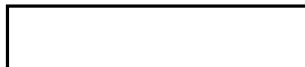
25X1

PERSEVERANCIA MILITARY CAMP 2006N 07533W



CAMP CONTAINS 5 LARGE AND 35 MEDIUM TENTS (NONE OF A
KNOWN SOVIET TYPE), 42 CARGO TRUCKS, AND AN
UNDETERMINED NUMBER OF FA/AAA PIECES.
BLURRED IMAGE AND INCOMPLETE COVERAGE LIMIT
INTERPRETATION.

25X1



TI ARRIBA MILITARY CAMP 2006N 07535W



25X1

AT LEAST 5 LARGE AND 7 MEDIUM TENTS (NONE OF A KNOWN
SOVIET TYPE) OBSERVED.

25X1



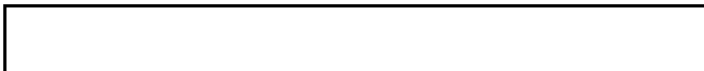
25X1

DOS CAMINOS MILITARY INSTALLATION 2014N 07547W



NO APPARENT CHANGE IN FACILITIES.
SIXTY-FIVE CARGO TRUCKS AND 42 FA/AAA PIECES OBSERVED.

25X1



JAGUA, MILITARY AREA 2205N 08029W



25X1

NO APPARENT CHANGE IN FACILITIES.
AT LEAST 12 CARGO TRUCKS AND 18 FA PIECES OBSERVED.

25X1



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LA VEGUITA MILITARY CAMP 2049N 07615W

[REDACTED] 25X1

TWELVE FA PIECES AND 2 CARGO TRUCKS OBSERVED.

25X1

[REDACTED]

25X1

SANTIAGO DE CUBA, MILITARY TRAINING AREA 2002N 07550W

[REDACTED]

NO APPARENT CHANGE IN FACILITIES.
TEN VEHICLES OBSERVED.

25X1

[REDACTED]

TUMBADERO TANK TRAINING AREA 2104N 07558W

[REDACTED] 25X1

NO NEW MILITARY ACTIVITY OR EQUIPMENT OBSERVED.

25X1

[REDACTED]

25X1

CHARCO DEL JOBO MILITARY AREA 2047N 07615W

[REDACTED]

NO APPARENT CHANGE IN FACILITIES.
FIVE PROBABLE FA PIECES OBSERVED.

25X1

[REDACTED]

PLAYA YATERITAS LANDING BEACH 1958N 07457W

[REDACTED] 25X1

FOR ACTIVITY IN AREA SEE GUANTANAMO AREA 1,

[REDACTED]

25X1

25X1

[REDACTED]

25X1

-MISCELLANEOUS ACTIVITY-

MAYARI ARRIBA MILITARY INSTALLATION 2027N 07531W

[REDACTED]

NO APPARENT CHANGE SINCE

[REDACTED]

25X1

25X1

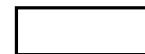
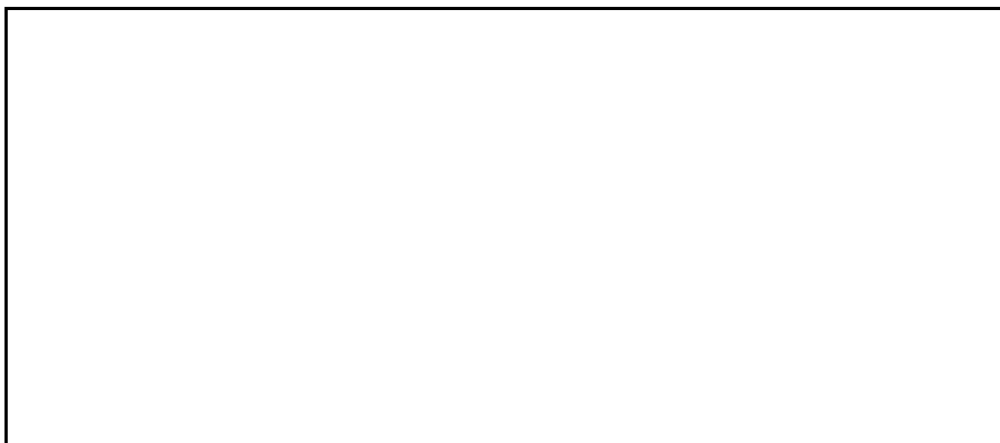
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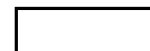
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NPIC/R-1478/63 25X1

25X1



25X1

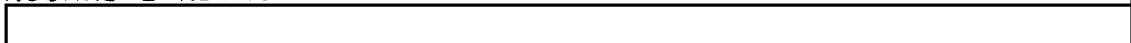


--STATUS OF OTHER TARGETS--

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE
SINCE LAST COVERAGE---

25X1

SAGUA LA GRANDE MRBM SITE 2	2239N 07951W
CIENFUEGOS SAM SITE	2202N 08024W
LOS ANGELES SAM SITE	2100N 07541W
SANTIAGO DE CUBA SAM SITE	1959N 07550W
CIEGO DE AVILA SAM SITE	2142N 07850W
BANES CRUISE-MISSILE SITE	2058N 07538W
SANTIAGO DE CUBA CRUISE-MISSILE STORAGE	2004N 07551W
LOS CANOS AIRFIELD	2004N 07509W
PRESTON AIRFIELD	2044N 07539W
TRINIDAD AIRFIELD	2147N 07959W
PUNTA ALEGRE PORT	2223N 07847W
BARACOA PORT	2021N 07430W
MOA PORT	2039N 07454W
CAIBARIEN PORT	2232N 07928W
EL CRISTO, MILITARY INSTALLATION	2007N 07546W
LAS MERCEDES, MILITARY CAMP	2006N 07700W
HOLGUIN AREA, MILITARY CAMP SOUTHWEST	2051N 07617W
LA JUTIA AREA, MILITARY INSTALLATION	2155N 08016W
SANTA ISABEL FINCA MILITARY CAMP	2005N 07528W
SIBONEY LANDING BEACH	1957N 07542W
CIENFUEGOS LANDING BEACH	2202N 08036W
MAR VERDE LANDING BEACH	1957N 07557W
ENSENADA COLORADO LANDING BEACH	2202N 08025W
NICARO LANDING BEACH	2042N 07533W



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THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT
NOT INTERPRETED --

25X1

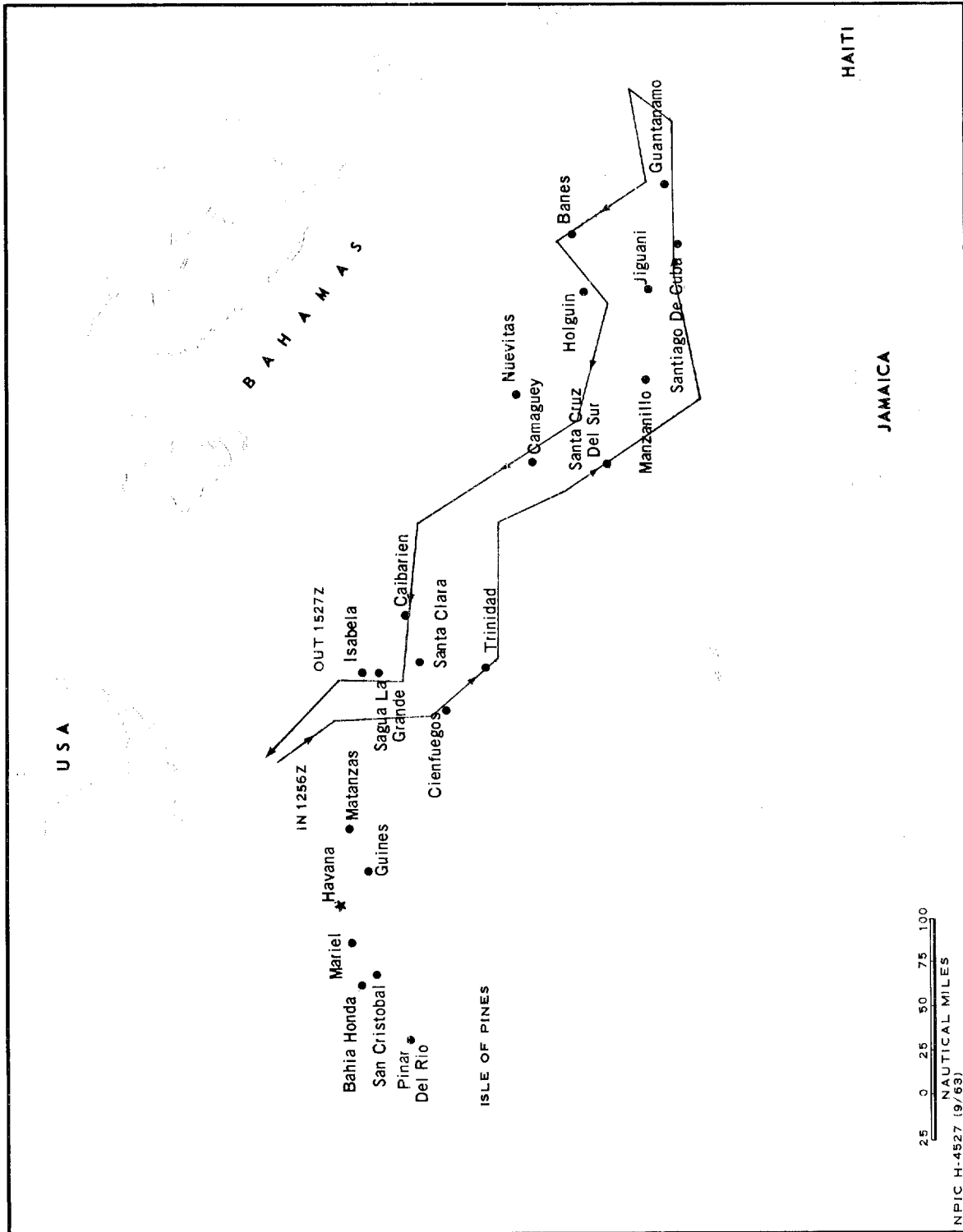
SAGUA LA GRANDE MRBM SITE 1	2243N 08001W
REMEDIOS IRBM SITE	2225N 07935W
SAGUA LA GRANDE SAM SITE	2251N 08005W
CAIBARIEN SAM SITE	2228N 07929W
JIGUANI SAM SITE	2021N 07620W
MANZANILLO SAM SITE	2018N 07706W
MANATI SAM SITE	2113N 07702W
VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA	2104N 07700W
MANZANILLO PORT	2021N 07707W
NUEVITAS PORT	2132N 07716W
MANZANILLO AREA, MILITARY CAMP	2017N 07706W
ALTO CEDRO, MILITARY CAMP	2029N 07559W
SANTA CLARA AREA, MILITARY ACTIVITY	2221N 07957W
VICTORIA DE LAS TUNAS, MILITARY CAMP	2054N 07655W
TRINIDAD AREA, POSS MIL HEADQUARTERS	2150N 07953W
ANTON RECIO, MILITARY INSTALLATION	2211N 08036W
MARTI AREA, ARMOR TRAINING AREA	2258N 08059W
SANTA CLARA AREA, ARTILLERY TRAINING AREA	2224N 08000W
TACAJO, MILITARY CAMP	2051N 07558W
LA ROSITA AREA, STORAGE INSTALLATION	2208N 08004W
SANTA CLARA MILITARY INSTALLATION CUBANACAN	2224N 07953W

25X1

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APPROXIMATE TRACK OF BRASS KNOB MISSION 3722, 15 SEPTEMBER 1963

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